

SEP 04 2007



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Capitol Square Office  
Two East Mifflin Street  
Suite 600  
Madison, WI 53703-2865  
Tel 608-255-8891  
Fax 608-252-9243

West Office  
8000 Excelsior Drive  
Suite 401  
Madison, WI 53717-1914  
Tel 608-831-2100  
Fax 608-831-2106

Metro Milwaukee Office  
13835 Bishop's Drive  
Suite 300  
Brookfield, WI 53005-6605  
Tel 262-754-2840  
Fax 262-754-2845

Please respond to: West Office

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To: Patent Examiner Jewel V.  
Thompson

Fax Number  
571-273-8300

From: Charles S. Sara

Total 2  
(including this page)

Date: September 4, 2007

Time Sent: \_\_\_\_\_

Respond To: Charles S. Sara at 608-828-0784 (tel)/608-831-2106 (fax)

**MESSAGE**

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. Serial No.: 10/544,244      Group Art Unit: 2855  
Filing Date: August 02, 2005      Examiner: Thompson, Jewel V.  
Applicant(s): Ajay Kumar Sood      Atty Docket no.: 88870.003

Title: **METHOD OF MEASUREMENT OF GAS FLOW VELOCITY, METHOD FOR  
ENERGY CONVERSION USING GAS FLOW OVER SOLID MATERIAL,  
AND DEVICE THEREFOR**

EXPLANATION OF SENTENCE AT PAGE 31, LINE 21

Via Facsimile

TO: Examiner Jewel Thompson

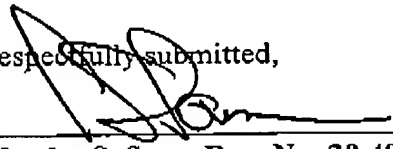
Dear Ms. Thompson:

In response to your telephone request on August 28, 2007, the following is the corrected version of the sentence that begins on page 31 at line 19 and ends on page 31 at line 22:

The mechanism justifies the dependence on  $d$ : from Eqn. 4 for  $a = 45^\circ$ ,  $u_2 \propto d^{2/3}$ .  
Therefore  $V \propto [(x_1 + d)^{2/3} - x]$ . For  $a = 0^\circ$  and  $90^\circ$ , it was observed that the voltage  
is not generated by the gas flow and the signal changes sign for  $a > 90^\circ$ .

If you have further questions on this, please do not hesitate to contact me.

Respectfully submitted,

  
Charles S. Sara, Reg. No. 30,492  
CUSTOMER NO.: 25005  
DEWITT ROSS & STEVENS S.C.  
US Bank Building  
8000 Excelsior Drive, Suite 401  
Madison, Wisconsin 53717-1914  
Telephone: (608) 831-2100  
Facsimile: (608) 831-2106

I hereby certify that this correspondence is being  
transmitted by facsimile to:

Examiner Jewel Thompson  
Group Art Unit. 2855

Fax No.: 571-273-8300

Date Faxed: September 4, 2007Signature: Marilyn L. Hanson